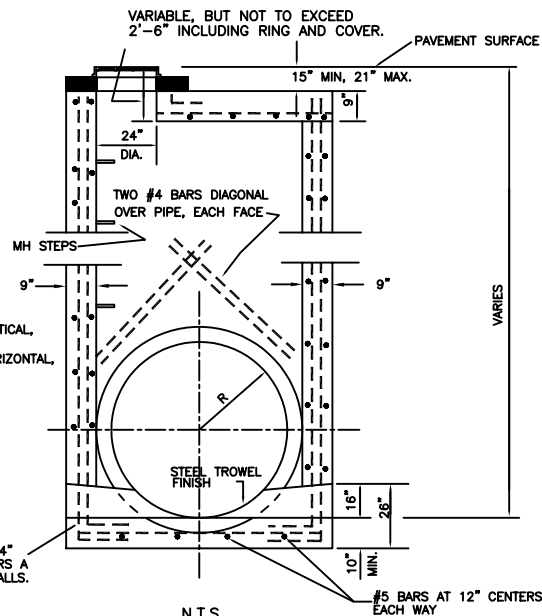


PLAN
N.T.S.

SONOTUBE SHALL BE USED FOR FORMING NECK ADJUSTMENT. POUR CONCRETE AROUND TUBE 9" WIDE. CONNECT TO TOP SLAB WITH 12" x 12" #4 BARS AT 12" CENTERS AROUND OPENING. ONE #4 BAR AROUND OPENING.

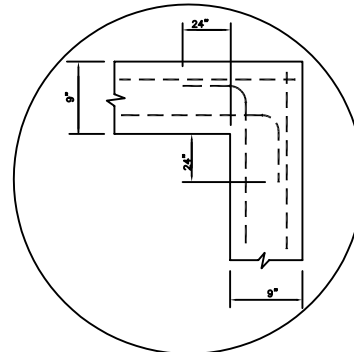


SECTION B-B
N.T.S.

JUNCTION BOX MAY BE RECTANGULAR BUT NOT LESS THAN 4 FEET IN SHORT DIRECTION.

STORMWATER JUNCTION BOX 4', 5' OR 6' WIDTHS

N.T.S.

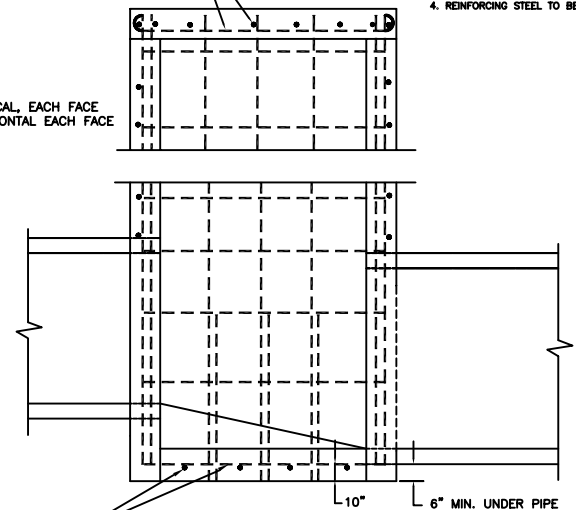


CORNER DETAIL
PLAN VIEW
N.T.S.

TYPICAL WALL REINFORCING

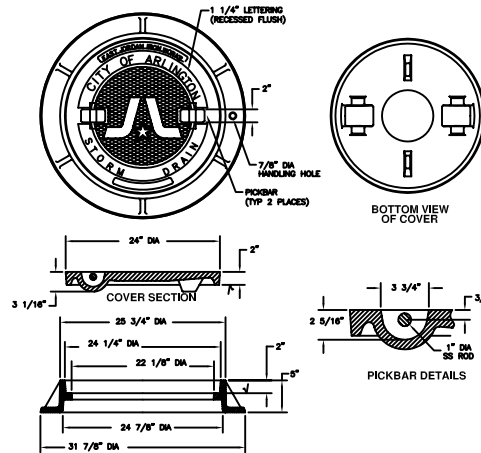
#4 BARS AT 18" CENTERS VERTICAL, EACH FACE
#4 BARS @ 12" CENTERS, HORIZONTAL EACH FACE

#5 BARS AT 6" CENTERS
EACH WAY, HOOKED EACH END.



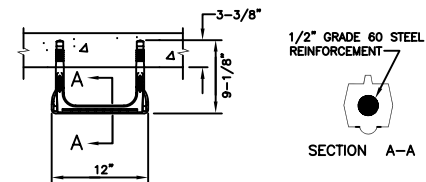
SECTION A-A
N.T.S.

#5 BARS AT 12" CENTERS EACH WAY



MANUFACTURER	REFERENCE NUMBER	APPROX. WEIGHT
EAST JORDAN	1.342	310 lb
BASS & HAYS	1.342	310 lb
OR APPROVED EQUAL		

LOGO MANHOLE COVER & FRAME



NOTES:

- STEPS SHALL CONFORM TO ASTM C478-88a.
- M.A. IND. INC. NUMBER "PS1-PF" STEPS OR AMERICAN STEP CO., INC. NUMBER ML-10 OR APPROVED EQUAL TO BE INSTALLED PER MANUFACTURERS DIRECTION.
- STEPS ARE REQUIRED FOR ALL JUNCTION BOXES.
- STEPS SHALL BE PLACED 12" ON CENTERS VERTICALLY AND STAGGERED 12" ON CENTERS HORIZONTALLY.
- THE TOP STEP SHALL BE NO GREATER THAN 1' BELOW THE INSIDE OF THE TOP OF THE JUNCTION BOX AND THE BOTTOM STEP SHALL BE NO HIGHER THAN 2" FROM THE FLOOR.
- STEPS SHALL BE PLACED ON A WALL WHICH WILL NOT CONFLICT WITH THE PIPE(S) AND SHALL BE EASILY ACCESSIBLE FROM THE MANHOLE OPENING.

NON-CORROSIVE STEPS

N.T.S.

REVISIONS	
REVISIONS	
CITY OF ARLINGTON, TEXAS PROJECT NUMBER PROJECT NAME (PROJECT LIMITS)	
DATE:	SCALE: SHEET OF
DESIGNED BY:	DRAWN BY: CHECKED BY: